



# Health Science Careers I

Career Cluster	Health Science
Course Code	14001
Prerequisite(s)	None
Credit	1.0
Program of Study and Sequence	Foundation Course – <b>Health Science Careers I</b> – Health Science Careers II or Medical Terminology – Pathway Course
Student Organization	Future Health Professionals (HOSA), Skills USA
Coordinating Work-Based Learning	Job shadowing, mentoring, service learning, internship, workplace tours
Industry Certifications	None
Teacher Certification	Health Science Cluster Endorsement; *Health Science Education
Resources	State and National Future Health Professionals, Conference, State and National Skills USA Conference

## Course Description:

Health Science Careers I explores the current teamwork approach in health science and career options in an ever-expanding healthcare environment. Students in the course will evaluate unique abilities and explore personal career aspirations. In addition, the student will be exposed to legal, ethical, and safety implications inherent to providing high quality patient care.

## Program of Study Application:

Health Science Careers I is the first cluster course in the Health Science career cluster. Completion of Health Science Careers I prepares a student to participate in Health Science Careers II or Medical Terminology and then pathway courses in any of the Health Science pathways: Biotech Research and Development, Therapeutic Services, Health Informatics, Diagnostics or Support Services.

**Course Standards****HSI 1: Understand the healthcare setting networks and roles and responsibilities.**

<i>Webb Level</i>	<i>Sub-indicator</i>	<i>Integrated Content</i>
Two Skill/Concept	HSI 1.1 Differentiate between private and public/government healthcare settings (managed care).	Invite guest speakers (healthcare professionals), and tour healthcare facilities.
Two Skill/Concept	HSI 1.2 Collaborate and communicate effectively with colleagues, patients/residents, and/or family members.	Speaking and listening skills in teamwork, role playing,
Three Strategic Thinking	HSI 1.3 Identify positive and negative personal traits in a member of the healthcare setting.	Select a health science career pathway that is of interest.

**Notes**

**HSI 2: Identify health science career pathways.**

## Strategic Thinking

<i>Webb Level</i>	<i>Sub-indicator</i>	<i>Integrated Content</i>
Two Skill/Concept	HSI 2.1 Identify and compare health science career pathways.	Attend career fairs, field trips, and guest speakers (healthcare professionals). Classify careers in each health science pathway.
One Recall	HSI 2.2 Demonstrate knowledge of levels of education and credentialing requirements for a variety of health science careers of interest.	Research post-secondary options and degrees, invite guest speakers, and research state and national credentialing requirements.
One Recall	HSI 2.3 Explore and demonstrate knowledge of employment opportunities, workplace environments, and career growth potential.	Job shadowing and mentoring. Workplace tours, service learning. Invite guest speakers.

**Notes**

**HSI 3: Examine legal/ethical responsibilities and limitations of the healthcare worker.**

<i>Webb Level</i>	<i>Sub-indicator</i>	<i>Integrated Content</i>
Three Strategic Thinking	HSI 3.1 Understand legal/ethical issues, religious and cultural diversity and their impacts on health care.	Examine case studies, and student led presentations, documentation using EMR.
Three Strategic Thinking	HSI 3.2 Understand scope of practice state-specific requirements and a variety of professional standards including the American Medical Association, American Nurse Association, American Dental Association.	Review state-specific standards, and professional standards such as American Medical Association code of ethics, review American Nurses Association code of ethics.
Three Strategic Thinking	HSI 3.3 Examine the implications of Health Insurance Portability and Accountability Act (HIPAA) for healthcare professionals.	Health Insure Portability and Accountability Act (HIPAA) training through local healthcare facility.
Three Strategic Thinking	HSI 3.4 Analyze Patient/Residents' Bill of Rights and advanced directives.	Role playing, case scenarios, research, invite guest speakers.

**Notes**

**HSI 4: Understand and demonstrate safety practices in the healthcare environment.**

<i>Webb Level</i>	<i>Sub-indicator</i>	<i>Integrated Content</i>
Two Skill/Concept	HSI 4.1 Apply principles of body mechanics and ergonomics.	Occupational Safety Health Administration (OSHA), practice on mannequins, role playing, and return skills demonstrations.
Two Skill/Concept	HSI 4.2 Identify common safety hazards in the healthcare environment including patient/resident, community, and healthcare worker settings.	Return skills demonstrations, practice safety procedures of various hazards in the healthcare environment. Occupational Safety Health Administration (OSHA).

**Notes**